



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending July 7, 2019

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The southern half of Minnesota dealt with wet conditions this week limiting the number of **days suitable for fieldwork** to 3.8 during the week ending July 7, 2019, according to USDA's National Agricultural Statistics Service. Warmer than normal temperatures over much of Minnesota aided crop development giving crops some much needed heating units. However, the wet conditions in the southern half of the state hindered fertilizer and spraying activities in the area.

Topsoil moisture condition was rated 0 percent very short, 5 percent short, 61 percent adequate and 34 percent surplus. **Subsoil moisture** condition was rated 1 percent very short, 3 percent short, 62 percent adequate and 34 percent surplus.

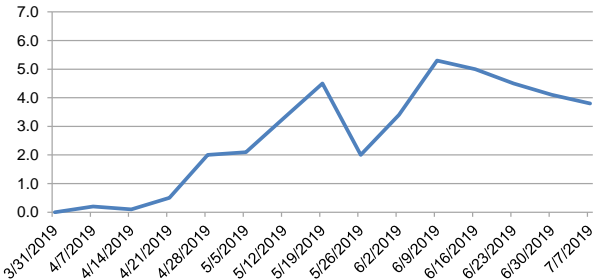
Corn condition was rated at 60 percent good to excellent, a slight improvement from the previous week. Nearly all **soybeans** had emerged this week, with a few reports of some having started to bloom. Soybean condition rated 61 percent good to excellent.

Ninety-seven percent of the **spring wheat** crop had jointed, 3 days behind the 5-year average. Spring wheat headed reached 75 percent this week, 2 days behind normal. Spring wheat condition rated 83 percent good to excellent. **Oats** jointed stretched to 99 percent, now 5 days ahead of the average. Oats headed were 79 percent complete, 3 days behind normal. Oats turning color reached 4 percent, 10 days behind average. Oat condition was rated 72 percent good to excellent, improving from the previous week. **Barley** jointed was 98 percent, 4 days ahead of the average. Barley headed reached 82 percent, now 2 days ahead of normal after being 6 days behind average last week. A few reports of barley turning color were received this week. Barley condition rated 80 percent good to excellent.

Dry edible bean emergence was virtually complete this week, while 6 percent had started to bloom, 5 days behind the average. Dry edible bean condition was rated 65 percent good to excellent, falling from the previous week. **Sunflower** condition rated 82 percent good to excellent, improving slightly from the previous week. **Potato** condition rated 94 percent good to excellent. **Sugarbeet** condition was rated 79 percent good to excellent.

The first cutting of **alfalfa hay** was 94 percent complete, 2 days behind last year and the 5-year average. The second cutting of alfalfa hay reached 19 percent this week, 8 days behind normal. **All hay** condition rated 78 percent good to excellent, improving slightly from the previous week. **Pasture condition** rated 77 percent good to excellent, increasing from the previous week.

Number of Days Suitable for Fieldwork
Minnesota: For the First Week of July



Crop Condition as of July 7, 2019

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	1	1	18	70	10
Corn	2	6	32	49	11
Dry edible beans	2	3	30	50	15
Hay, all	1	2	19	67	11
Oats.....	1	3	24	59	13
Pasture and range	1	3	19	63	14
Potatoes	0	0	6	54	40
Soybeans	1	6	32	53	8
Spring wheat ..	0	2	15	69	14
Sugarbeets	2	3	16	17	62
Sunflowers.....	0	1	17	71	11

Crop Progress as of July 7, 2019

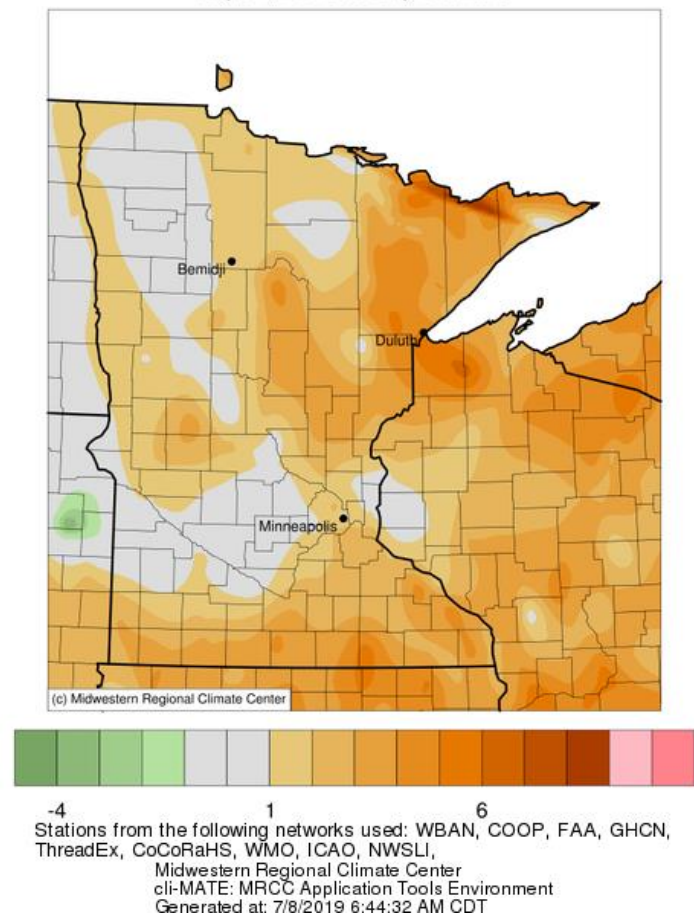
Item	This week	Last Week	Last Year	5-yr Avg
	(percent)	(percent)	(percent)	(percent)
Barley jointing.....	98	92	100	95
Barley headed	82	36	85	79
Dry edible beans blooming	6	1	16	18
Hay, alfalfa, first cutting	94	87	95	95
Hay, alfalfa, second cutting.....	19	5	37	40
Oats jointing	99	93	97	97
Oats headed.....	79	53	82	84
Spring wheat jointing	97	83	100	98
Spring wheat headed.....	75	36	89	81

Days Suitable for Fieldwork and Soil Moisture Condition as of July 7, 2019

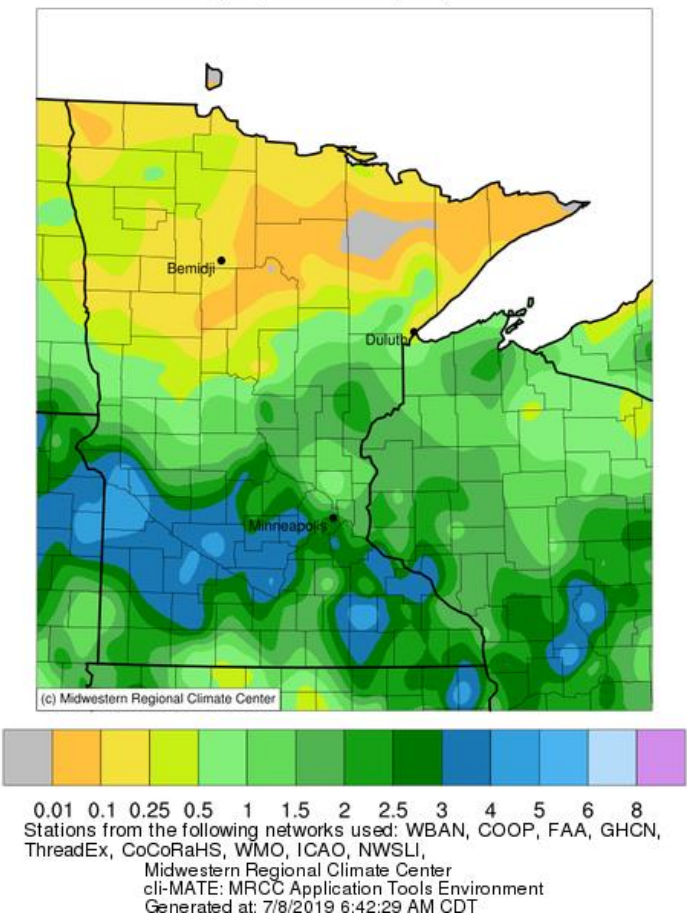
Item	This week	Last Week	Last Year
	(days)	(days)	(days)
Days suitable	3.8	4.1	3.7
	(percent)	(percent)	(percent)
Topsoil moisture			
Very short	0	0	0
Short	5	4	3
Adequate	61	64	67
Surplus	34	32	30
Subsoil moisture			
Very short	1	0	0
Short	3	3	4
Adequate	62	64	68
Surplus	34	33	28

Minnesota Temperatures and Precipitation for the week ending July 7, 2019

Average Temperature (°F): Departure from 1981-2010 Normals
July 01, 2019 to July 07, 2019



Accumulated Precipitation (in)
July 01, 2019 to July 07, 2019



National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at: <http://www.dnr.state.mn.us/climate/historical/summary.html>

Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>

Temperature and Precipitation Maps, courtesy of the Midwest Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>